

CITY OF TEMPE, ARIZONA
PUBLIC WORKS DEPARTMENT
DIVISION OF ENGINEERING

JOB ORDER NO. 5 TO CALIENTE CONSTRUCTION, INC.
THROUGH EXISTING CONTRACT NO. C2015-43

BACK-UP GENERATOR REPLACEMENT – POLICE/COURTS BUILDING

PROJECT NO. 5507671

This **JOB ORDER NO. 5** is entered into on this 25th day of February, 2016, by and between the **City of Tempe**, an Arizona municipal corporation (“City”) and **Caliente Construction, Inc.**, an Arizona corporation (“JOC”), through the existing Contract made and entered into by and between the parties on February 26, 2015, (Contract No. C2015-43).

SECTION 1 – JOB ORDER PRICE AND WORK LOCATION: JOC shall furnish any and all plant, materials, labor, construction equipment, services and transportation (all applicable taxes included) required for performing all work for the construction of Back-Up Generator Replacement – Police/Courts Building, (Project No. 5507671) (“Project”) for the sum of Three Hundred Twenty Four Thousand Seven Hundred Ninety Three and 00/100 Dollars (\$324,793.00), as detailed in the Proposal (Exhibit “A”) attached hereto and incorporated herein by this reference, and the work as described in the Technical Specifications (Exhibit “B”), and to completely and totally construct the same and install the materials therein for the Project, in a good and workmanlike and substantial manner and to the satisfaction of City or its properly authorized agents and strictly pursuant to and in conformity with the Specifications and Plans for the Project and other documents that may be requested by City through its Engineer or other properly authorized agents, as provided herein. The full street or physical address of the construction work location (“Work Location”) is 120 East 5th Street, Tempe, Arizona. JOC shall list the Work Location in any subcontract related to this job order at any level and each subcontractor shall likewise include the Work Location in any of its subcontracts.

SECTION 2 – REQUIRED SUBMITTALS: JOC shall submit the completed forms referenced in the Forms Appendix (Exhibit “C”) attached hereto to City for approval prior to receipt of a Notice to Proceed issued by City for the Project.

SECTION 3 – AMENDMENT: City of Tempe Contract No. C2015-43, the terms and conditions contained therein and all exhibits attached to the Contract and to this Job Order No. 5, are by reference incorporated into this Job Order No. 5. All provisions of the underlying Contract where not inconsistent with this Job Order No. 5 shall remain binding on the parties.

SECTION 4 – JOB ORDER TERM: Work shall start as soon as practicable, and in no case later than seven (7) calendar days after the Notice to Proceed is issued by City, and shall be completed within one hundred twenty (120) calendar days thereafter.

JOC further agrees to include the provisions of this Section in any and all subcontracts hereunder. Any violation of such provisions shall constitute a material breach of this Contract.

[SIGNATURE PAGE TO FOLLOW]

Back-Up Generator Replacement – Police Courts Building
Project No. 5507671

DATED this 25th day of February, 2016.

CITY OF TEMPE, ARIZONA

By: _____
Mayor

By: _____
Public Works Director

ATTEST:

Recommended by:

City Clerk

Deputy PW Director/City Engineer

APPROVED AS TO FORM:

City Attorney

JOC warrants that the person who is signing this Job Order on behalf of the JOC is authorized to do so and to execute all other documents necessary to carry out the terms of this Job Order.

CALIENTE CONSTRUCTION, INC.

By: _____
Signature

Printed Name

Its: _____
Title

Federal I.D. No./Social Security No.

Caliente Construction Inc.

General Construction - Construction Management - Design/Build - Facilities Management

EXHIBIT A

January 14, 2016

Kenneth Halloran
City of Tempe
PW/Engineering Division
31 E Fifth Street
Tempe, AZ 85252

Re: City of Tempe – PD Generator Replacement [5507671]

Dear Mr. Halloran:

Thank you for the opportunity to provide our services to replace the backup generator system at the police department and courts building located at 120 east 5th street.

We have assembled a proposal based on the LSW Engineers 100% Construction Documents and Addendum 1 dated 10/30/2015.

The general scope of work includes the removal of the existing generator, furnishing a temporary generator, providing a new 300KW diesel generator with all new fuel system. Below are the specific clarifications to the scope.

- 1) Furnish a 300KW Temp Generator. Proposal includes cost of fuel for our operations. In the event the generator is used for a power outage, fuel cost will be the responsibility of COT for the duration of the outage.
- 2) Demo and remove existing Generator, ATS and associated conduit and wire per the contract documents.
- 3) Furnish and install new Cummins 300KW diesel Generator, with 600A ATS including associated conduit and wire per the contract documents.
- 4) Furnish all rigging to remove exiting equipment and install new. This work is scheduled to be performed on Off hours.
- 5) Existing generator will be transported to a City of Tempe yard, within City limits. Generator will be delivered disassembled.
- 6) This proposal considers using existing switches in both distribution boards EDS1 and DSH1.
- 7) This proposal includes the removal of diesel fuel from existing generator. A 24 hr. test is required before removal, this cost is also included.
- 8) Complete mechanical installation of ductwork, louvers, and exhaust piping.
- 9) Complete fuel piping system including fuel fill station.
- 10) Owner will assume all Permitting (Including ADEQ) and Special Inspection costs if required.
- 11) Proposal excludes any work modifying existing electrical, plumbing, mechanical to meet current building codes, unless indicated on the contract documents
- 12) Caliente has not included an environmental survey and does not include any abatement of hazardous materials.
- 13) Caliente has not included additional electrical backup other than what has been indicated on the documents. COT will be required to survey their existing systems to identify backup requirements during the shutdown (IT Equipment, Card readers, etc.). These requirements that are currently not identified have not been included in this proposal.
- 14) Use of Allowances requires prior approval by City's construction manager. .

Total Proposal Amount: **\$324,793.00** Refer to detail cost spreadsheet.
(Includes tax, insurance and bond).

Best Regards,

Jeff Schaffer
Project Manager - Caliente Construction Inc.



One of the Valley's Healthiest Employers
485 West Vaughn, Tempe, Arizona 85283-3672 Phone: (480) 894-5500 Fax: (480) 894-2323
AZ ROC091625 AZ ROC098769 AZ ROC164561 CA 770323 UT 4741522-550 NV 0078132
ID RCE-28529 NM 85371 CO 233580 MT 159637

"We build more than structures; we build confidence and relationships that last"





**Caliente
Construction Inc.**

**485 W. Vaughn Street, Tempe, Arizona 85283
Telephone (480) 894-5500 Facsimile (480) 894-2323**

Job Name: City of Tempe -PD Generator Replacement 5507671

Proposal Data													
Project Duration													
4 weeks													
CODE	ITEM	CONTRACTOR	QTY	TYP	RATE	LABOR total	MTRL (EA)	MTRL total	SUBCONTR	EQUIP	OTHER	SUBTOTAL	TOTALS
01A GENERAL CONDITIONS													
001040	PROJECT MANAGER		40.00	HR	91.16	\$ 3,646.40							
001043	PROJECT ENGINEER		60.00	HR	54.86	\$ 3,278.80							
001045	SUPERINTENDENT		160.00	HR	73.59	\$ 11,774.40							
001401	TEMP FENCE		1.00	LS	850.00								
001085	TEMP TOILETS		4.00	WK	92.00								
	PARKING		20.00	DAYS	12.00								
Subtotal													20,168
02200	02 TRAFFIC CONTROL												
	TRAFFIC CONTROL ALLOWANCE		1.00	ALLOW	\$ 2,000.00				\$ 2,000.00			\$ 2,000.00	
Subtotal													2,000
02200	02 LANDSCAPING												
	LANDSCAPING PATCH ALLOWANCE		1.00	ALLOW	\$ 850.00				\$ 850.00			\$ 850.00	
Subtotal													850
042000	04 MASONRY												
	MASONRY PATCH ALLOWANCE		1.00	ALLOW	\$ 950.00				\$ 950.00			\$ 950.00	
Subtotal													950
051000	05 METALS / STEEL												
	METAL GRATING REMOVE AND REPAIR ALLOWANCE		1.00	ALLOW	\$ 8,500.00				\$ 8,500.00			\$ 8,500.00	
Subtotal													8,500
233000	21-23 MECHANICAL / PLUMBING												
	MECHANICAL		1.00	SUB BID	\$ 17,928.00				\$ 17,928.00			\$ 17,928.00	
	FUEL PIPING SYSTEM		1.00	SUB BID	\$ 75,627.00				\$ 75,627.00			\$ 75,627.00	
	CONTROLS		1.00	SUB BID	\$ 14,135.00				\$ 14,135.00			\$ 14,135.00	
Subtotal													107,690
283148	28 ELECTRICAL												
	COMPLETE ELECTRICAL PACKAGE		1.00	SUB BID	\$ 141,272.00				\$ 141,272.00			\$ 141,272.00	
	TEMP GENERATOR ALLOWANCE		3.00	ALLOW	\$ 3,282.00				\$ 9,846.00			\$ 9,846.00	
	UNFORSEEN ELECTRICAL RELOCATIONS ALLOWANCE		1.00	ALLOW	\$ 4,000.00				\$ 4,000.00			\$ 4,000.00	
Subtotal													155,119
Subtotal (4)													295,206
COST OF WORK \$ 295,206													
517100	Bonds												2,953
517200	General Liability Insurance												2,953
517300	Builders Risk Insurance												2,953
517650	Fee												20,608
517900	Other												-
TAXES - City/State: SUBS													0
RATE TYPE \$													
TAX FALSE													
SUBTOTAL \$													324,793
Other Pricing Adjustments													
TOTAL BUDGET PRICE \$													324,793

City of Tempe – PD Generator Replacement [5507671]

BID TABULATION

SCOPE/CONTRACTOR

BID AMOUNT

Electrical		Apparent Qualified Low Bid
Rosendin Electric	\$141,272.00	
Delta Diversified	\$153,800.00	
Jessco Electric	\$252,421.00	
DP Electric	\$255,063.00	

Fuel Piping		Apparent Qualified Low Bid
Cochise Contractors	\$75,627.00	
RKS	\$75,627.00	RKS used Cochise's number for their piping
Crawford Mechanical	\$92,000.00	
EATON	Incomplete Bid	Did not include the fuel state, only piping

Mechanical		Apparent Qualified Low Bid
Crawford Mechanical	\$18,285.00	
CFM Mechanical	\$17,928.00	
RKS	\$96,713.00	

Building Automated System		Tempe Vendor for Controls
Arizona Control System	\$14,135.00	



ASU W. P. Carey School of Business Spirit of Entrepreneurship Winner 2009
 242 S. El Dorado Circle, Mesa AZ 85202 Phone: (480) 894 5500 Fax: (480) 894 2323
 AZ ROC081625 AZ ROC08769 AZ ROC164561 CA 770323 UT 4741522-560
 ID RCE-26529 NM 65371 CO 233580 MT 136037



"We build more than structures; we build confidence and relationships that last"



Tony DeVito
Special Projects Group

December 21, 2015



Caliente Construction Inc.
242 S. El Dorado Circle
Mesa, AZ 85202

Attention: Jason Adolph

RE: City of Tempe Generator Replacement

Rosendin Electric is pleased to provide your firm with our quotation for

Total...\$141,272.00

Note: This proposal recognizes the new AZ sales tax law of 2015.

Add Alt. – Weekly Rental of Temporary Generator...\$3,282.00

Add Alt. - Kohler Generator ...\$11,500.00

SCOPE OF WORK

1. We are quoting all work as after hours, Mon- Fri (5pm – 2:30am). Any additional shift work and overtime work is excluded.
2. Our quotation is based upon a mutually acceptable contract.
3. All scope of work will be performed per the sequence of notes on sheet E3. Furnish a 300KW Temp Generator for one week.
4. Demo and remove existing Generator, ATS and associated conduit and wire per sheets E-4 and E-6,
5. Furnish and install new 300KW diesel Generator, with 600A ATS including associated conduit and wire per sheets E-4, E-5 and E-7.
6. This proposal includes 320 man-hours, 5days a week, consecutive to complete. Temporary Generator is considered to be put in place one week prior to new Generator delivery to site.

CLARIFICATIONS

1. Proposal is based on electrical sheets dated 10-30-15, Delta 1.
2. Proposal is based on electrical specifications dated 10-29-15.
3. Furnish all rigging to remove exiting equipment and install new. This work is scheduled to be performed on a Saturday. Existing generator will be transported to a City of Tempe yard, within City limits.
4. Removal of grating, duct work and louvers is to be performed by others.
5. This proposal includes a Cummins generator package, subject to approval.
6. This proposal considers using existing switches in both distribution boards EDS1 and DSH1.
7. This includes a 4 hour load bank test of generator including onsite startup and testing.
8. This proposal includes (1) housekeeping pad for the ATS. This scope considers concrete will be handed down grating area.
9. This proposal includes the removal of diesel fuel from existing generator. A 24 hr. test is required before removal, this is included.
10. This proposal includes an additional 20A, 120V circuit to fueling station.
11. This proposal includes a one-time fuel up. Remaining fuel is owner's responsibility.
12. This proposal includes a bond cost \$1063.00.
13. This proposal includes material tax.
14. This proposal considers project to be performed during a three week schedule.
15. We propose to use ½" EMT for a minimum conduit.
16. Assist in coordination with city inspection, MOP's and shutdowns.
17. Cummins overall height 92" approx. with 26" tank, 300gal. Kohler overall height 85" approx. with 16" tank, 270 gal.

*Building Quality
Building Value
Building People*

Note: This proposal may be withdrawn by us if not accepted within 30 days.

100% Employee Owned
1375 West Drivers Way
Tempe, AZ 85284
Phone: (480) 921-4022
Fax: (480) 921-4144

Arizona

California

Maryland

Nevada

Oregon

Texas

Virginia



Tony DeVito
Special Projects Group

EXCLUSIONS

1. All permits and utility fees.
2. Bonding.
3. Engineering.
4. Seismic engineering or special support system.
5. Coordination study.
6. Load monitoring, except as noted above.
7. Remote fuel cabinet and associated parts.
8. Expediting.
9. Lifts or Scaffold.
10. Lightning protection and grounding counterpoise.
11. Any coordination of city or fire inspections, except as noted above.
12. All formed and poured concrete including transformer pads and housekeeping pads, except as noted above.
13. Saw cutting, and patching of concrete, asphalt, etc. Any X-ray or scanning required for layout of core drilling or saw cutting. Patching of any block, concrete, or asphalt.
14. Painting of any conduit, raceway, or equipment.
15. Painting and patching of any walls, ceiling, sheetrock, and/or any other surface.
16. Traffic control.
17. Excavating.
18. GRC and IMC conduit.
19. Supplying and/or installation of loose motors and starters.
20. Light fixtures, including repairing or replacement of parts and lamps.
21. Any telephone or data cable, terminations and/or equipment.
22. Any fire alarm/security systems, components, wiring, and testing.
23. Any speakers, cameras, cables, and terminations for any audio and video system.
24. Any BMS, CCTV controls not shown on drawings specified.
25. Sensors, devices, software, controls or associated equipment.
26. Any changes to the electrical distribution system except as noted elsewhere within this proposal.
27. Correction of existing code violations.
28. Dumpsters, disposal of any hazardous waste, abatement and remediation.
29. This proposal is based solely on usual cost elements, i.e. labor, material, and normal markups, and does not include any amounts for changes in sequence of work, delays, disruptions, rescheduling, extended overhead, accelerations, or overtime labor rates.

We are looking forward to working with your firm on this project and if we can be of any further assistance, please feel free to call.

Respectfully,

Tony DeVito
ROSENDIN ELECTRIC, INC

Itemized Breakdown

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Fax: (480) 921-4144

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Tony DeVito
Special Projects Group

Summary		
General Materials		\$15,259.83
Quoted Materials		\$64,535.00
Quoted Materials Adjustment		\$0.00
Material Tax	(@8.100 %)	\$6,463.38
Material Total		\$86,258.21
Composite Rate	(376.73Hrs @ \$37.88)	\$14,271.30
Subtotal		<u>\$100,529.51</u>
Testing		\$3,600.00
Concrete Pad		\$2,800.00
Coring		\$1,200.00
Rigging		\$9,000.00
Equipment (Temp Gen.)		\$2,732.20
General Expenses		\$3,379.82
Subtotal		<u>\$123,241.53</u>
Overhead	(@ 10.000 %)	\$12,324.15
Markup	(@ 5.000 %)	\$6,778.28
Subtotal		<u>\$142,343.74</u>
Engineering	\$0.00	\$0.00
Adjustment deduct #1	(-1.500%)	(\$2,135.16)
Subtotal		<u>\$140,208.58</u>
Payment & Performance Bond	(@ 0.0800 %)	\$1,063.00
Final Amount		<u>\$141,271.58</u>

Building Quality
Building Value
Building People

Note: This proposal may be withdrawn by us if not accepted within 30 days.

100% Employee Owned
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Tempe, AZ 85284
Phone: (480) 921-4022
Fax: (480) 921-4144



Arizona

California

Maryland

Nevada

Oregon

Texas

Virginia

Itemized Breakdown					
Description	Qty	Unit	Labor	Total Material	Total Labor
600A ATS	1	E	24	0	24
300KW GEN	1	E	32	0	32
GEN REMOTE ANNUNCIATOR	1	E	4.5	0	4.5
GEN BATTERY CHARGER	1	E	2	0	2
GEN SPRING ISOLATOR	1	E	1	0	1
GEN DIESEL FUEL	300	E	0	1,800.00	0
GEN TESTING	1	E	8	0	8
GEN RECEIVE AND UNLOAD	1	E	4	0	4
#10 THHN GREEN STRANDED	75	M	8.63	11.33	0.65
600A/600V-LPS DUAL EL FUSE	3	E	0	1,035.12	0
# 10 WIRE TERMINATION-POWER	2	E	0.1	0	0.2
# 6 WIRE TERMINATION-POWER	8	E	0.2	0	1.6
# 1 WIRE TERMINATION-POWER	12	E	0.3	0	3.6
# 350 MCM TERMINATION-POWER	48	E	0.6	0	28.8
1" EMT CONDUIT	180	C	5.75	85.73	10.35
3" EMT CONDUIT	280	C	11.5	759.33	32.2
1 1/2" EMT 90 DEG ELBOW	12	C	46	45.02	5.52
3" EMT 90 DEG ELBOW	18	C	69	364.97	12.42
1" EMT INS STL COMP CONNECTOR	8	C	11.5	3.56	0.92
1 1/2" EMT INS STL COMP CONNECTOR	8	C	17.25	10.64	1.38
3" EMT INS STL COMP CONNECTOR	12	C	34.5	121.47	4.14
1" EMT STL COMP COUPLING	18	C	0.49	7.53	0.09
1 1/2" EMT STL COMP COUPLING	18	C	0.81	19.63	0.14
3" EMT STL COMP COUPLING	46	C	1	333.2	0.46
3/4" EMT LB SET SCREW	6	E	0.52	70.08	3.11
1 1/4" EMT LB SET SCREW	4	E	0.81	110.52	3.22
3/4" COVER	6	E	0	17.1	0
1" EMT STRUT CLAMP	7.5	C	2.88	5.82	0.22
1 1/2" EMT STRUT CLAMP	7.5	C	4.6	8.03	0.34
3" EMT STRUT CLAMP	35	C	5.75	49.62	2.01
K-16 KON CLIP (1")	15	C	1.84	5.7	0.28
3" RISER CLAMP	2	C	40	9.36	0.8
3/4" GRC (GALV)	160	C	6.33	183.78	10.12
3/4" STEEL LOCKNUT	8	C	0.9	0.65	0.07
3" FORM 5 MALLEABLE LB CONDULET	4	C	2.99	1,010.28	11.96
3/4" GRC CUT & THREAD	4	C	9.2	0	0.37
3/4" GRC STRUT CLAMP	20	C	3.45	13.79	0.69
3" 3H J-HANGER	1.25	C	15.41	5	0.19
3" PVC-40 CONDUIT (EXPOSED)	40	C	9.2	53.6	3.68
3" PVC-40 36"R 90 ELBOW (EXPOSED)	2	E	0.77	34	1.54
3" PVC COUPLING (EXPOSED)	4	C	1.9	8.65	0.08
3" PVC TERMINAL ADAPTER (EXPOSED)	2	C	46	6.02	0.92
3" INS STL STR FLEX CONNECTOR	2	C	50	137.21	1
3" INS STL 90 DEG FLEX CONNECTOR	2	C	59	296.25	1.18
CONDUIT MARKER	2	E	0.03	1.8	0.06
1 5/8" SLOTTED GALVANIZED CHANNEL	73	C	9.2	87.31	6.72
1/2"x1-1/2" HEX HEAD SCREW	6	C	0	8.7	0
1/2" SPRING NUT	6	C	0	4.68	0
1/4"x48" SLICK DROP ROD	7.5	C	4.6	9	0.34

K

THRD-ROD-1/2-13-10FT-PLTD	3.75	C	9.2	4.29	0.34
1/2" PLATED ROD COUPLING	1.25	C	0	2.9	0
1/2" STEEL HEX NUT	2.5	C	0	0.45	0
1/2" FLAT STEEL WASHER	7.25	C	0	1	0
3/8"x3" KB-TZ CRACKED CONCRETE ANCHOR	52.5	C	9.2	21.06	4.83
1/2"x3 3/4" KB-TZ CRACKED CONCRETE ANCHOR	7.25	C	9.2	5.71	0.67
3/4"x8" KB-TZ CRACKED CONCRETE ANCHOR	8	C	20.7	28.49	1.66
1/4"x1 3/4" KB3 WEDGE ANCHOR	20	C	4.6	0.96	0.92
1/4"x2 1/4" KB3 WEDGE ANCHOR	7.5	C	4.6	1.68	0.34
#12 THHN/THWN SOLID	840	M	6.9	72.35	5.8
#10 THHN/THWN STRANDED	747	M	8.63	140.23	6.44
#6 THHN/THWN STRANDED	300	M	12.65	121.91	3.79
#1/0 THHN STRANDED	230	M	20.7	397.67	4.76
#350 THHN-2 STRANDED	1,480.00	M	32.2	7,656.23	47.66
3M #1700 3/4"x60' BLACK TAPE	4	E	0	3.4	0
3M #35 3/4"x66' BRN CODE TAPE	1	E	0	3.84	0
3M #35 3/4"x66' ORG CODE TAPE	1	E	0	3.84	0
3M #35 3/4"x66' YEL CODE TAPE	1	E	0	3.84	0
POLYTWINE	138	M	3	1.5	0.41
FIRESEAL PENETRATION	6	E	0.2	54	1.2
DEMO 1'x4' SURFACE FIXTURE	3	E	0.25	0	0.75
DEMO 1/2"-1" EMT CONDUIT	60	E	3.13	0	1.88
DEMO 2 1/2"-3" GRC CONDUIT	100	E	6.88	0	6.88
DEMO #14-#10 WIRE	500	M	3.75	0	1.88
DEMO #350-#500 WIRE	400	M	17.5	0	7
DEMO 300KW GENERATOR	1	E	26	0	26
DEMO 600A 3PH TRANSFER SW	1	E	7	0	7
Direct labor				15259.83	357.08
Customer Convenience (After Hours)					12.5
Superintendent					6.55
Totals				15259.83	376.73

K

Quotation

Cummins Rocky Mountain
651 N 101st Ave
Avondale AZ 85323 United States
Direct: 623-474-2600

November 30, 2015

Project Name: Tempe Police Courts Bldg Rev2

Quotation: 1954000000258817

Thank you for your inquiry. We are pleased to quote as follows:

		USD
Item	Description	Qty
	Diesel Genset: 60Hz-300kW	
300DQDAC	Genset-Diesel,60Hz,300kW	1
A331-2	Duty Rating-Standby Power	1
L090-2	Listing-UL 2200	1
L228-2	Cert-Seismic,IBC2000,IBC2003,IBC2006,IBC2009,IBC2012	1
L169-2	Emission Cert, EPA, Tier 3,NSPS CI Stationary Emergency	1
R002-2	Voltage-277/480,3 Phase,Wye,4 Wire	1
B258-2	Alternator-60 Hz, 12 Lead, Extended Range,125/105C	1
H643-2	SET CONTROL-PCC 2100	1
B184-2	Exciter/Regulator-Pmg, 3 Phase Sensor	1
A366-2	Engine Governor-Electronic, Isochronous Only	1
H536-2	Display Language-English	1
H605-2	Display-Control, Graphical	1
H606-2	Meters-AC Output, Analog	1
K631-2	Relays-Genset Status, User Configured	1
K796-2	Stop Switch-Emergency	1
KA08-2	Alarm-Audible, Engine Shutdown	1
KP60-2	Interface-CommunicationsNtwk,FTT-10	1
H679-2	Control Mounting-Front Facing	1
KU12-2	CirBrkr-600A,Right,3P,600/690V,SS RMS,80%,UL/IEC	1
KM69-2	Auxiliary contacts/Trip alarm-Single Circuit Breaker	1
KM72-2	Shunttrip-24vdc,Single Circuit Breaker	1
C127-2	Separator-Fuel/Water	1
A334-2	Engine Starter-24 VDC Motor	1
A333-2	Battery Charging Alternator-Normal Output	1
E125-2	Engine Cooling-High Ambient Air Temperature	1
H389-2	Shutdown-Low Coolant Level	1
H669-2	Engine Coolant-50% Antifreeze, 50% Water Mixture	1
H036-2	Coolant Heater-120 Volt Ac, Single Phase	1
D041-2	Engine Air Cleaner-Normal Duty	1
A299-2	Exhaust Connector-NPT	1
H706-2	Engine Oil	1



L010-2	Test Record-Strip Chart	1
L017-2	Test-Extended, Standby Load, 4 Hour	1
L023-2	Test Record-Safety Shutdowns	1
L024-2	Test Record-Exhaust Temperature	1
L025-2	Test Record-Ambient Temperature/Pressure	1
L026-2	Test Record-Certified	1
L188-2	ST 3YR 900HR P + L + T	1
Battery	Lead acid batteries	1

The following items are shipped loose installed by others

0179-4621-03	Fuel Tank Kit-300 Gallon	1
0155-2342-01	Critical Muffler-Side Inlet End Outlet-6" ASA Flng	1
0541-1236	PIPE Pkg-4" NPT to 6" ASA Conversion	1
0541-0814-02	Annunciator Kit-w/Enclosure	1

	Bypass Transfer Switch-Power Command: 600A	
BTPC600	Transfer Switch-Bypass,PwrCmd,600Amp	1
A078-7	Transfer Mode-Delayed Transition	1
A029-7	Poles-4	1
A035-7	Application-Utility To Genset	1
A046-7	Listing-UL 1008/CSA Certification	1
A080-7	Certificate-IBC Seismic	1
A044-7	Frequency-60 Hertz	1
A042-7	System-3 Phase,3 Wire Or 4 Wire	1
R026-7	Voltage-480 Vac	1
B001-7	Cabinet-Type 1	1
C024-7	Control-Transfer Switch, Level 2	1
D009-7	Meters-Bar Graph Display	1
M018-7	Display-Digital	1
M022-7	Monitoring-Load	1
M023-7	Module-Relay Signal	1
M031-7	Interface-Communications Network,FTT-10	1
L102-7	Auxiliary Relay-Switch In Emergency Position-24VDC	1
L103-7	Auxiliary Relay-Switch In Normal Position-24VDC	1
G010-7	Transfer Switch Warranty - Yr 0-2: Parts, Labor and Travel; Yr 3-5: Parts Only; Yr 6-10: Main Contacts Only	1

Deliver	Deliver to jobsite not off loaded	1
Startup	Startup and testing onsite	1

Grand Total \$64,535.00

Off loaded by others
Fuel not included
Terms Net 30
Taxes not included

Submitted by

Shaun Kitto , Account Manager
shaun.e.kitto@cummins.com
Mobile: 623-474-2707



December 3, 2015

Caliente Construction
485 East Vaughn Street
Tempe, AZ 85283

Attention: Jeff Schaffer
Subject: Tempe Courts and Police Generator Replacement

We propose to furnish the labor and materials to complete the following installation, per LSW Engineering drawings dated 12/07/12.

Qualifications.

- Remove existing genset, ATS and demo of existing conduit/wire.
- Include transport and unloading of existing genset, within City of Tempe.
- Include (1) new 300kw genset, include rigging and initial fuel fill-up.
- Include (1) new remote fueling station
- Include (1) 600amp ATS
- Include (1) temp genset with temp cables, cable protection, remote start and fuel for (1) week.
- Include (1) concrete housekeeping pad for ATS
- Include traffic control plan and lift plan for the rigging.
- Include removal of existing fluids from existing genset prior to removal

Total cost.....\$153,800.00

Exclusions,

- Bond cost (add 1%, if needed)
- Expedited ship schedule
- Arc Flash/Coordination study
- BMS (parts, smarts, conduit and wire)
- Engineering
- Fire Alarm (parts, smarts and programming)
- Sales tax
- Permit cost
- Removal/replacement of louvers
- Piping for gas from remote fueling station to genset

Very truly yours,

Sam Begay

Project Manager

DELTA DIVERSIFIED ENTERPRISES, INC.

AZ LIC L-11 070346 C-11 033589 A-17 103249
ELECTRICAL CONTRACTORS 425 W. GEMINI DRIVE, TEMPE, ARIZONA 85283 PHONE: (480) 831-0532
FAX: (480) 838-1268

Handwritten signature



JESSCO ELECTRIC, LLC

(P) 480-488-0924

(F) 480-488-3598

PO BOX 1793

CAVE CREEK, ARIZONA 85327

(E) OFFICE@JESSCOELECTRIC.COM

Lic. #L-11 ROC170305, A-17 ROC170304, C-11 ROC170303



December 04, 2015

Caliente Construction, Inc

485 W. Vaughn Street

Tempe, AZ 85283

Attn: Jason Adolph

Re: City of Tempe Police/Court Building Generator Replacement

Sir,

Our price to provide a complete electrical installation per plans and specs is:

Material	\$131,317.00
Tax (if Applicable)	\$ 10,899.00
Labor	\$110,205.00
Total	\$252,421.00

We Include:

Demolition / Removal

New Gen Set Transfer Switch

Temporary Generator & Cabling

Off-hours as required

Core Drill / Fire Seal

Testing / Start-up

New conduit and wire as shown

We Exclude:

Fuel

Formed Concrete

Permits

Bond

Allowances

Our Add for an additional week for Temp Generator Rental is: \$6,500.00

Our Add for removal and salvage of fuel is: \$5,000.00

Please contact me if you have any questions.

Thank you for the opportunity.

Respectfully,

Harry Goulder, COO

Jessco Electric, LLC

480-488-0924 Office

602-618-5129 Cell

480-488-3598 Fax



Handwritten signature/initials in blue ink.



December 7, 2015
Job Name: City of Tempe Police Courts Building Generator
Replacement
Page 1 of 1

D.P. Electric Inc. is pleased to provide you with a proposal for the above referenced project. This proposal is based on the site walk performed on 11/12/15 and electrical drawings E-1, E-2, E-3, E-4, E-5, E-6, and E-7 2/14 and Addendum 1 dated 10/30/15.

Base Bid..... \$255,063.00
Weekly Generator Rental Adder \$10,148.00
Fluid Removal Adder \$2,178.00

Qualification Notes:

1. Provision and installation of specified generator and ATS switch.
2. Removal of generator and associate rigging costs have been included.
3. We have included the rental of a temporary generator for (1) week.
4. We have included and adder for additional weekly generator rental.
5. Our proposal includes the provision and installation of (1) Generac SD300 diesel generator rated at 300kw and (1) ASCO 600 amp ATS Switch.
6. Lead-time for generator is 8-10 weeks after approved submittals and written release.
7. Lead-time for the ATS switch is 6-8 weeks after approved submittals and written release.
8. Old generator and fuel tank to be transported to a predetermined location within Tempe city limits.
9. An add alternate has been included for additional temporary generator rental.
10. This proposal is valid for (30-days) only.

Exclusions:

1. Any existing conditions/code violations.
2. All formed and poured concrete.
3. Temporary fencing.
4. Removal and reinstallation of metal grating.
5. Cutting and repairs of metal grating.
6. Installation of exhaust piping and fuel fill lines.
7. Engineering/fees, permits/fees, special inspection fees, utility fees and taxes.

Insurance, Warranty & Spares:

- Proposal includes the basic "Additional Insured" insurance for GC & project owner
- Proposal includes (1) year warranty and (1) year workmanship
- D.P. Electric will only transfer the manufacturer's warranties to Owner
- Lamps are not covered under warranty
- No Spares (no spare fuses, no spare lamps & no spare ballasts)

If you have any questions, please feel free to contact me.

Thank you,
D.P. Electric Inc.

Sean Goneau
sean.goneau@dpelectric.com
Service Project Manager
480-858-9070
480-229-3242 c

COCHISE CONTRACTORS, INC.

333 N. BLACK CANYON HWY

PHOENIX, AZ 85009-4518

(602) 272-0911 FAX (602) 242-1580

LICENSE NUMBERS: B01 ROC073119 L05 ROC071379

DATE: 12-18-15

PROPOSED TO: CALIENTE CONSTRUCTION	JOB LOCATION: 120 E. 5TH STREET TEMPE AZ. 85284
ATTENTION: JEFF SCHAFER	JOB NAME: CITY OF TEMPE PUBLIC WORKS DEPT. BACK UP GENERATOR REPLACEMENT POLICE/COURTS BUILDING
SUBMITTED BY: CLIFF COGSWELL	TERMS: PROGRESSIVE BILLING

COCHISE CONTRACTORS, INC. PROPOSES TO FURNISH EQUIPMENT, MATERIAL AND LABOR TO PROVIDE AND INSTALL NEW VENT PIPING AND REMOTE FILL STATION OUTSIDE THE BUILDING FOR NEW BACK-UP GENERATOR BELLY TANK.

THIS BID INCLUDES, POUR NEW CONCRETE PAD WITH BUMPER POLES FOR NEW REMOTE MORRISON 20 GALLON FILL/SPILL CONTAINMENT FILL PORT WITH OVERFILL VALVE, PROVIDE & INSTALL NEW 6" AND 2" VENT PIPING FROM BELLY TANK TOP OF 2ND PER SPEC. WITH NEW NEW FILL PORT STATION.

THIS BID INCLUDES REMOVING (1) EXISTING 2" FILL LINE & (1) 2" VENT LINE FROM EXISTING BELLY TANK TO OUTSIDE WALL.

EQUIPMENT COCHISE TO SUPPLY AND INSTALL:

- 1 - 2" FILL LIMITER VALVE WITH DROP TUBE, QUICK CONNECT AND LOCKABLE CAP.**
- 1 - SIMPLEX MINI SMART PUMP 3", 20 GALLON REMOTE FILL CONTAINMENT BOX WITH CAP & ADAPTER, 2 GPM PUMP, FLOATSWITCH WITH LEVER TRANSMITTER**
- 2 - MORRISON 4" EMERGENCY VENT**
- 1 - 2" VENTCAP**
- 2 - MORRISON 2" #710 SOLENOID VALVE**
- 2 - NEW 4" BUMPER POLES**
- 1 - COMPLETE FRANKLIN "INCON" TS-550 EVO FUEL MANAGEMENT FUELING SYSTEM FOR THE EXISTING BELLY TANK TO INCLUDE AN OVERFILL ALARM AND ACKNOWLEDGEMENT SWITCH AT FILL PORT STATION.**

EQUIPMENT, MATERIAL & LABOR

TOTAL \$75,627.00



BREAK DOWN

FILL PORT SMART SYSTEM & FUEL EQUIPMENT & FUEL MANAGEMENT

\$ 46,009.00

CONCRETE & BUMPER POLES \$ 1780.00

DEMO EXISTING PIPING \$ 3500.00

PIPING \$ 8980.00

LABOR \$13,858.00

ELECTRICAL LABOR & START UP \$1500.00

EXCLUSIONS:

PERMITS, PERMIT FEES

FUEL DRAWING (SEE NOTE #4)

ELECTRICAL (SEE NOTE #1)

DAVIS BACON WAGES

REMOVAL OF OLD BELLY TANK (BY OTHERS)

IT/IP INTERFACE WITH NEW INCON MANAGEMENT CONSOLE (BY OTHERS)

NEW BELLY TANK OR GENERATOR OR INSTALL

X RAY & CORE DRILL WALLS (BY OTHERS)

ADD NEW TANK FITTING ON THE EXISTING BELLY TANK

MAIN/FUEL OIL SYSTEM CONTROL PANEL (BY OTHERS) REUSE EXISTING

NEW DAY TANKS, NEW PIPING, TANK HARDWARE EQUIPMENT, HIGH OR LOW SWITCHES

DUPLEX PUMP SYSTEM OR INSTALL

ROOF WORK, MODIFY OR REPAIR BY OTHERS

BUILDING WORK OF ANY KIND

SUPPLY FUEL OF ANY KIND

Fillport smart pump system with controls

\$18,453.00

Fuel management system with probes and controls \$19,753.00

Fuel equipment Valving - solenoid valves, vents, overfill valves \$ 7803.00.

NOTES

- 1) THIS BID IS BASED ON OTHERS TO PROVIDE ALL OF THE ELECTRICAL CONDUITS & WIRE FOR THE NEW FUEL SYSTEM INSTALL. COCHISE WILL DO FINAL HOOK-UP OF CONDUCTORS ONLY.
- 2) THIS BID IS BASED ON TYING RIGHT INTO THE NEW GENERATOR BELLY TANK FITTING FOR NEW VENT LINES FROM BELLY TANK TO 2ND FLOOR INSTALL. TO TIE A NEW REMOTE FILL STATION TO THE NEW FILL PORT ON BELLY TANK
NEW BELLY TANK MUST HAVE ALL THE FITTING FOR THIS NEW UPGRADE
- 3) THIS BID IS BASED ON COCHISE TO PROVIDE AND INSTALL A NEW CONCRETE REMOTE FILL PAD WITH BUMPER POLES FOR THIS NEW INSTALL
- 4) THIS BID IS BASED ON THE NEW DRAWING AND SPEC. 12-7-12 / LSW PROJECT #2013-109.000
- 5) THIS BID IS BASED ON THE NEW BELLY TANK HAS ALL THE TANK FITTING FOR THIS UPGRADE
- 6) G.C. TO PROVIDE ALL THE CONDUITS & DATA, COMMUNICATIONS WIRE FOR THIS INSTALL AND UPGRADE

Handwritten signature

7) BID IS GOOD FOR 45 DAYS.

There are no express or implied warranties except as stated on the description on the face hereof. There is no warranty of MERCHANTABILITY or fitness for a particular purpose." On any accounts over 30 days past due a finance charge of 12% will be added. Unless prior arrangements have been agreed upon this will represent an annual percentage rate of 18% Merchandise returned for credit is subject to restocking charges plus any transportation cost. Cochise Contractors, Inc. shall retain and reserve all right to title in goods shipped, delivered, or installed on Buyer's premises until such time and upon the condition that Buyer has paid the full purchase price for said goods. Buyer grants to Cochise Contractors, Inc. the right to enter upon the Buyer's premises and remove all goods not paid for within thirty (30) days. Nevertheless, the risk of loss from theft, fire damage or other casualty shall pass from Seller to Buyer upon the delivery of goods to Buyer's premises. In the event of any action to enforce any of the provisions of this agreement, the prevailing party shall be entitled to reasonable attorney's fees. All material is guaranteed to be as specified, all work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written orders and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accidents or delays beyond our control. Owner to carry fire, tornado and other necessary insurance. Our workers are fully covered by workman's compensation insurance.

AUTHORIZE SIGNATURE _____ CLIFF COGSWELL-SALES MANAGER

NOTE: THIS PROPOSAL MAY BE WITHDRAWN BY COCHISE CONTRACTORS, INC. IF NOT ACCEPTED WITHIN 30 DAYS

ACCEPTANCE OF PROPOSAL

SIGNATURE _____ TITLE _____ DATE _____

The above prices, specifications and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

[Handwritten mark]



RKS PLUMBING & MECHANICAL, INC.

23659 N 35th Dr. - Glendale, Arizona 85310

Commercial Plumbing License # 006652 L-37

A General Engineering License #223612 and B-1 Commercial Building License #288947

Air Conditioning, Refrigeration & Heating License # 206709 K-39

Office - (602) 996-1866

Fax - (602) 996-1816

CONTRACTOR PROPOSAL

Date: December 4, 2015

To: Caliente Construction Inc.
Jeff Schaffer, Estimator/Project Manager
485 W. Vaughn Street
Tempe, AZ 85283
602-421-1444

Jason Adolph, Project Manager
jason.adolph@calienteconstruction.com
jschaffer@calienteconstruction.com

Job # _____
Change Order # _____

Job Name: TEMPE PD GENERATOR REPLACEMENT
(BACK-UP GENERATOR REPLACEMENT)

Description Of Work:

Furnish & install mechanical work for the above project including generator fuel system, air intake and exhaust systems in accordance with plans and specifications by LSW Engineers stamped 07-07-2014.

Proposed Amount \$

182,977.00

Inclusions:

- Demolition & removal of existing mechanical systems
- Black T&C or welded Fuel Oil fill & vent piping
- Insulated Generator Exhaust Breeching
- Radiator Discharge Wall Louver
- Radiator Discharge Ductwork with access & flex
- Supervision
- Inline valves, fittings and appurtenances
- Tank leak detection assembly
- Remote Fill Station
- Fuel Management Panel
- BAS Control Interface
- Testing & Inspections

Exclusions:

- Tax, General Liability Insurance, Permits & Bond
- Davis Bacon Wages or Premium Time Labor
- Generator & Fuel Tank
- Tanks, pumps, and analyzing equipment
- Temporary facilities & trash disposal
- All Concrete
- Electrical
- Controls, Instrumentation & Meters

Qualifications:

- Add for Performance & Payment Bonds \$2,783
- Add for Sales Tax if not by General Contr \$8,940

Submitted By: *Jim Shiou*

Estimator/Project Manager, RKS Plumbing & Mechanical, inc.

Accepted By: _____

Caliente Construction Inc.

Signature: _____

Date: _____

Mechanical = 96,713 See next page
Fuel = 72,129 + Demo of pipe 3498.00 75,627 (RKS checked to sub to Caliente)
BAS = 14,135 See next page
Total \$182,977.00

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RKS PLUMBING & MECHANICAL, INC.

23659 N 35th Dr. - Glendale, Arizona 85310

Commercial Plumbing License # 098652 L-37

A General Engineering License #223812 and B-1 Commercial Building License #288947

Air Conditioning, Refrigeration & Heating License # 208709 K-39

Office - (802) 996-1866

Fax - (802) 996-1818

CONTRACTOR PROPOSAL

Date: December 8, 2015

To: Caliente Construction Inc.
Jeff Schaffer, Estimator/Project Manager
485 W. Vaughn Street
Tempe, AZ 85283
602-421-1444

Jason Adolph, Project Manager
jason.adolph@calienteconstruction.com
jschaffer@calienteconstruction.com

Job # _____
Change Order # _____

REVISION 3 - Annotated Inclusions
Job Name: TEMPE PD GENERATOR REPLACEMENT
(BACK-UP GENERATOR REPLACEMENT)

Description Of Work:

Furnish & install mechanical work for the above project including generator air intake and exhaust systems in accordance with plans and specifications by LSW Engineers stamped 07-07-2014.

Proposed Amount \$ 96,713.00

Inclusions:

- Demolition & removal of existing mechanical systems
- Install New Generator Exhaust Breeching
- Thermal Insulation - Generator Exhaust Breeching
- Demo, remove and dispose existing cooling shroud
- Remove existing refrigerant recovery duct
- Demo, remove and dispose existing intake air louver
- Install Silencer (furnished by others)

- Inline valves, fittings and appurtenances
- Radiator Discharge Wall Louver
- Radiator Discharge Ductwork with access & flex
- Demo, remove dispose existing exhaust piping
- Replace existing refrigerant recovery duct
- Furnish & Install new intake air louver
- Supervision, Testing & Inspections

Exclusions:

- Tax, General Liability Insurance, Permits & Bond
- Davis Bacon Wages or Premium Time Labor
- Generator & Fuel Tank
- Tanks, pumps, and analyzing equipment
- Paint, Coatings, tags & labels unless noted
- Tank leak detection assembly
- Remote Fill Station

- Temporary facilities & trash disposal
- All Concrete
- Electrical
- Controls, Instrumentation & Meters
- Electrical devices & equipment
- 6" & 2" Vent Piping
- BAS Control Interface

Qualifications:

- | | | | |
|---|---------|-------------|--------------|
| • Add for Performance & Payment Bonds | \$1,451 | Add for BAS | \$ 14,135.00 |
| • Add for Sales Tax if not by General Contr | \$4,730 | | |

Submitted By: *Jim Schiers*
Estimator/Project Manager, RKS Plumbing & Mechanical, Inc.

Accepted By: _____
Caliente Construction Inc.

Signature: _____ Date: _____

Handwritten initials



PROPOSAL
277473

Date: 12/9/2015

Bill To

Caliente Construction, Inc.
485 W. Vaughn St.
Tempe, AZ 85283
accountspayable@calienteconstruction.com

Job Site

CoT Police/Courts Bldg
120 E 5th St
Tempe, AZ

Terms: Progress Billing

Project: CoT Back up GEN SWAP

Description

Project: City of Tempe Back-Up Generator Replacement (Police/Courts Building) - Mechanical

Scope of work to Include:

Demolition/removal of existing mechanical systems
Fuel Oil Fill and vent piping
Generator Exhaust
Radiator Discharge Wall Louver and Discharge Ductwork
Remote Fill Station
Leak detection-Tank
Valves, Fittings
Fuel Management Panel
BAS Control Interface
Testing
Inspections

Exclusions: Bonds, Permits/Fees, Engineering, Labor and materials outside scope of work, After hours/weekend Labor

Pricing Breakout:

Mechanical: \$18,285
BAS System: \$16,400
Fuel Piping System: \$92,000

Authorized Signature	Date
Print Name	Title
Company Name	Authorization #

Subtotal	\$126,685.00
Sales Tax (5.233%)	\$0.00

Total	\$126,685.00
--------------	---------------------

Proposal Valid For 30 Days

DAN KRUEGER

Crawford Mechanical Services LLC
408 S. Hamilton Court | Gilbert, AZ 85233
480.722.1267 o | 480.899.7349 f | ap@cmsaz.com

Handwritten signature/initials



HVAC Bid

Date: December 2, 2015

To: Caliente Construction, Inc.
485 W Vaughn Street
Tempe, AZ 85283
Attn: Jeff Schaffer Email: jschaffer@calienteconstruction.com

From: George Barutha
Cell: 602-301-8989
Fax: 602-490-3901

Project: City of Tempe backup generator

I am pleased to provide you with a quote for the above referenced project.

Scope of work:

- Demo exhaust piping and ductwork to louver
- Furnish and install new louver
- Furnish and install exhaust piping and 2" insulation with lagging
- Install silencer (provided by owner)
- Furnish and install ductwork off generator to louver
- Remove and reinstall existing ductwork on west side of area for generator access
- All work during normal business hours
- Includes sales tax

Bid Price: \$17,928.00 Total

Exclusions:

- Permits
- After hours work
- Fuel piping demo
- Fuel piping and fuel oil vent piping of fuel tank
- Silencer

Caliente – City of Tempe backup generator
CFM Mechanical HVAC Bid
December 2, 2015
Page 2

Warranty:

- 1 year labor warranty
- Factory parts warranty
- Excludes warranty of owner furnished equipment

Insurance:

- Bid is based on insurance limits and endorsements outlined on CFM Mechanical LLC's Certificate of Insurance (if needed, please request). Acceptance of our bid is acceptance of this coverage. Any additional requirements in the contract will be added to our bid pricing if available through our insurance company. Failure to be able to secure this additional coverage will not void your acceptance of our bid and these requirements will be stricken from the contract.

Payment Terms:

- Net 30 days. A finance charge of 1.75% per month will be added for past due payments (21% annual percentage rate)

Acceptance of Proposal:

Signature/Date: _____/_____

CFM Mechanical must receive signed proposal before any work relating to this job will commence



December 9, 2015

To: Caliente Construction

Attn: Estimating Department

Re: City of Tempe Police Building Generator Controls Pricing

Base Bid Price: \$14,135.00

Base Bid Inclusions:

Provide a modification to the existing Delta Controls EMS on site as needed to control:

a. 1 Generator

i. Control

1. MODBUS Points Available
2. Generator Run Status (To APC NETBOTZ System)
3. Generator Failure Status (To APC NETBOTZ System)
4. ATS Position Status (To APC NETBOTZ System)
5. Fuel Tank Level (To APC NETBOTZ System)

ii. Status

1. MODBUS Points Available
2. Commercial AC Power
3. ATS Position (Closure Signal Contact)
4. Leak Detection System Status (From Fuel Management System)
5. Liquid Level Alarm (Switch FBO)

2. Demo the existing Delta Controls Components tied to the Generator on site.
3. Trend the Points specified in the EMS scope of work.
4. Tie into the existing Delta Controls EMS and the City of Tempe's EMS Network.
5. Provide a new sequence of operations for the HVAC equipment for the building during emergency mode as per specs.
6. Provide and install all necessary plenum wiring, conduit and control wiring as required.
7. Provide graphics, engineering, startup, and onsite owner training as required.
8. Free Monthly Training at the AZCS Tempe Facility for the life of the System.
9. Two year warranty on parts and labor.

Base Bid Exclusions:

1. 3rd Party BACnet Controllers and Programming
2. VFD's/Motor Starters/Contactors/ Duct Smoke Detectors
3. Duct Smoke Detectors, wiring, fire alarm interface and/or testing (by others)
4. Applicable bond costs if any

Thank you for the opportunity to provide this pricing. If you have any questions please feel free to contact me at the office or on my cell phone at (602) 828-2951.

920 w 1st St. Tempe, AZ 85281, Phone (480) 829-9421 FAX (480) 829-9424
L-11 License Number - ROC171427



Sincerely;

Arizona Control Specialists, Inc. (AZCS)

A handwritten signature in black ink, appearing to read "A. Abdin", written over a horizontal line.

Amr Abdin
Accounts Manager
AA/aa

Handwritten initials in blue ink, possibly "H" or "K", located in the bottom right corner of the page.

EXHIBIT C

FORMS APPENDIX

The following forms shall be completed and submitted with each Job Order.

LIST OF SUBCONTRACTORSSB-1

STATUTORY PERFORMANCE BONDPB-1

STATUTORY PAYMENT BONDPB-3

LIST OF SUBCONTRACTORS

In accordance with the provisions of Section 108.2 of the MAG Specifications, JOC shall provide for each Job Order the information listed below regarding proposed subcontractors which are subject to approval by the City.

Subcontractor		<u>Type of Work</u>	<u>% of Total Contract</u>
<u>Name</u>	<u>Address</u>		

STATUTORY PERFORMANCE BOND
PURSUANT TO TITLE 34,
CHAPTER 6, OF THE ARIZONA REVISED STATUTES
(Penalty of this bond must be 100% of the Contract amount)

KNOW ALL MEN BY THESE PRESENTS:

That _____ (“Principal”) and _____,
a corporation organized and existing under the laws of the State of _____, with
its principal office in the City of _____ (“Surety”), are held and firmly bound
unto _____ (“Obligee”) in the amount of _____ Dollars
(\$ _____), for the payment whereof, the said Principal and Surety bind themselves,
and their heirs, administrators, executors, successors and assigns, jointly and severally, firmly by
these presents.

WHEREAS, the Principal has entered into a certain written Contract with the
Obligee, dated the 25th day of February, 2016, to complete Project No. 5507671, which Contract
is hereby referred to and made a part hereof as fully and to the same extent as if copied at length
herein.

NOW, THEREFORE, the condition of this obligation is such, that if the principal
faithfully performs and fulfills all of the undertakings, covenants, terms, conditions and
agreements of the contract during the original term of the contract and any extension of the
contract, with or without notice to the surety, and during the life of any guaranty required under
the contract, and also performs and fulfills all of the undertakings, covenants, terms, conditions
and agreements of all duly authorized modifications of the contract that may hereafter be made,
notice of which modifications to the surety being hereby waived, the above obligation is void.
Otherwise it remains in full force and effect.

Provided, however, that this bond is executed pursuant to the provisions of title 34, chapter 2, article 2, Arizona Revised Statutes, and all liabilities on this bond shall be determined in accordance with the provisions of title 34, chapter 2, article 2, Arizona Revised Statutes, to the extent as if it were copied at length in this agreement.

The prevailing party in a suit on this bond shall recover as part of the judgment reasonable attorney fees that may be fixed by a judge of the court.

DATED this day of , 2016.

PRINCIPAL

SEAL

BY:

SURETY

SEAL

BY:

AGENCY ADDRESS

**** Surety hereby acknowledges they are licensed to do business in the State of Arizona ****

STATUTORY PAYMENT BOND
PURSUANT TO TITLE 34,
CHAPTER 6, OF THE ARIZONA REVISED STATUTES
(Penalty of this bond must be 100% of the Contract amount)

KNOW ALL MEN BY THESE PRESENTS:

That _____ (“Principal”) and _____,
a corporation organized and existing under the laws of the State of _____,
with its principal office in the City of _____ (“Surety”), as held and firmly
bound unto _____ (“Obligee”) in the amount of _____
Dollars (\$_____), for the payment whereof, the said Principal and Surety bind
themselves, and their heirs, administrators, executors, successors and assigns, jointly and
severally, firmly by these presents.

WHEREAS, the Principal has entered into a certain written Contract with the
Obligee, dated the 25th day of February, 2016, to complete Project No. 5507671, which Contract
is hereby referred to and made a part hereof as fully and to the same extent as if copied at length
herein.

NOW, THEREFORE, the condition of this obligation is such, that if the
principal promptly pays all monies due to all persons supplying labor or materials to the principal
or the principal's subcontractors in the prosecution of the work provided for in the contract, this
obligation is void. Otherwise it remains in full force and effect.

Provided, however, that this bond is executed pursuant to the provisions of title
34, chapter 2, article 2, Arizona Revised Statutes, and all liabilities on this bond shall be
determined in accordance with the provisions, conditions and limitations of title 34, chapter 2,
article 2, Arizona Revised Statutes, to the same extent as if they were copied at length in this
agreement.

DATED this day of , 2016.

SEAL

BY: _____

SEAL

BY: _____

AGENCY ADDRESS

PB-4

**CITY OF TEMPE DEPARTMENT OF PUBLIC WORKS
UNCONDITIONAL WAIVER AND RELEASE
FOR CONTRACTOR'S PAYMENT
AND SETTLEMENT OF CLAIMS**

Upon receipt of payment from the City of Tempe, the undersigned:

Contractor's Name: _____

Contractor's Address: _____

The undersigned has been paid and acknowledges having received final payment from the City of Tempe in the amount of \$_____ [state dollar amount for final, total contract amount] for full and final payment of all work, services, equipment, labor, skill and material furnished, delivered and performed by the undersigned for the city or anyone in the construction [or other services] for BACK-UP GENERATOR REPLACEMENT – POLICE/COURTS BUILDING and PROJECT NO. 5507671 at the location of 120 EAST 5TH STREET; and does hereby waive and release any and all rights to mechanic's liens, any state or federal statutory bond right, any private bond right, any claim for payment and any and all rights under any applicable federal, state or local laws related to claim or payment rights for persons in the undersigned's position held on the above-referenced project against the City of Tempe, for this value received. The undersigned further agrees to defend, indemnify and hold harmless the City of Tempe against any and all liens, claims, suits, actions, damages, charges and expenses whatsoever, which the City may incur arising out of the failure or the undersigned to pay in full for all work, services, equipment, labor, skill and material furnished with regard to the project.

The undersigned, in consideration of the payment acknowledged, hereby warrants that he has already paid or will pay using the monies received from this final payment to promptly pay in full all of his contractors, subcontractors, laborers, materialmen and suppliers for all work, materials, equipment or services provided to the above-referenced project.

Contractor Signature

Date

By (Print Name and Title)

Notice: This document waives rights unconditionally and states that you have been paid for giving up those rights. This document is enforceable against you if signed, even if you have not been paid. If you have not been paid in full, use a conditional release form.

[NOTARY SEAL TO FOLLOW]

STATE OF ARIZONA)
COUNTY OF MARICOPA)

On ____ day of _____, 2016, _____ personally appeared before me, and proved by lawful identification documents to be the person who signed the preceding document in my presence, and who affirmed to me that the contents therein are truthful and accurate to the best of his/her knowledge and belief.

Notary Seal

Notary Public

Printed Name

My Commission Expires:
